

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of treating a subterranean formation penetrated by a wellbore with a first acid comprising the steps of:
 - a. injecting an aqueous viscoelastic energized diverter system that comprises a second acid and that increases in viscosity as the second acid is consumed by reaction with the formation, and
 - b. injecting the first acid,wherein the first acid is gelled.
- 2.-6. (Canceled)
7. (Currently Amended) A method of treating a subterranean formation penetrated by a wellbore with a first acid comprising the steps of:
 - a. injecting an aqueous viscoelastic energized diverter system that comprises a second acid and that increases in viscosity as the second acid is consumed by reaction with the formation, and
 - b. injecting the first acid,wherein the first acid is emulsified.
- 8.-9. (Canceled)
10. (Previously Presented) A method of treating a subterranean formation penetrated by a wellbore with an acid comprising the steps of:
 - a. injecting a viscoelastic energized diverter system, and
 - b. injecting the acid,wherein the acid is selected from the group consisting of monoaminopolycarboxylic acids, polyaminopolycarboxylic acids, salts of monoaminopolycarboxylic acids, salts of polyaminopolycarboxylic acids, esters of monoaminopolycarboxylic acids, esters of polyaminopolycarboxylic acids, mixtures thereof, and mixtures thereof with an acid from the group consisting of hydrochloric acid, hydrofluoric acid, formic acid, acetic acid, citric acid, glycolic acid, malonic acid, tartaric acid, and mixtures thereof.

11.-19. (Canceled)

20. (Original) A method of treating a subterranean formation penetrated by a wellbore with a first acid comprising the steps of:
 - a. injecting a viscoelastic energized diverter system comprising a viscoelastic surfactant, a second acid, and a gas, and
 - b. injecting the first acid.
21. (Original) The method of claim 20 wherein the two steps are repeated in alternation.
22. (Original) The method of claim 20 wherein one or both of the steps is conducted above the fracturing pressure of the formation.
23. (Original) The method of claim 20 wherein the gas is injected down tubing and the second acid and the viscoelastic energized diverter system are pumped in succession through an annulus between tubing and casing.
24. (Original) The method of claim 23 further wherein the second acid and the viscoelastic energized diverter system further comprise a gas.
25. (Original) The method of claim 23 wherein the tubing is perforated.
26. (Original) The method of claim 23 wherein the tubing is coiled tubing.
27. (Original) The method of claim 26 wherein the coiled tubing is moved into the wellbore during the treatment.
28. (Original) The method of claim 20 wherein a mechanical isolator is employed.
29. (Original) The method of claim 20 wherein the gas is injected through an annulus between tubing and casing and the second acid and the viscoelastic energized diverter system are pumped in succession down tubing.
30. (Original) The method of claim 29 further wherein the second acid and the viscoelastic energized diverter system further comprise a gas.
31. (Original) Method of claim 29 wherein the tubing is perforated.
32. (Original) The method of claim 29 wherein the tubing is coiled tubing.
33. (Original) The method of claim 32 wherein the coiled tubing is moved into the wellbore during the treatment.